

INSECTICIDAL AND ACARICIDAL COMPOSITION

Publication number: JP11322512 (A)

Publication date: 1999-11-24

Inventor(s): YAMADA HIDEKAZU; KIRITANI YUKIO; KAWAHARA NOBUYUKI; NAKAMURA MASAHIKO

Applicant(s): MITSUBI CHEMICALS INC

Classification:

- international: A01N43/08; A01N51/00; A01N53/02; A01N53/04; A01N43/02; A01N51/00; A01N53/00; (IPC 1-7): A01N43/08; A01N51/00; A01N53/02; A01N53/04

- European:

Application number: JP19980123580 19980506

Priority number(s): JP19980123580 19980506

Abstract of JP 11322512 (A)

PROBLEM TO BE SOLVED: To obtain the subject composition excellent in residual activities, complete lethal activities and fast-acting property by including a tetrahydrofuran-3-ylmethylamine derivative, and prallethrin or imiprothrin as an active ingredient.

SOLUTION: This insecticidal and acaricidal composition contains (A) at least one of (tetrahydro-3-furanyl)methylamine derivatives of the formula (X1 to X7 are each H or a 1-4C alkyl, R1 is H, a 1-5C alkyl or the like; R2 is H, an amino or the like; Z is =N-NO2 or the like), and (B) at least one of (i) (S)-2-methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl (1R)-cis,trans-chrysanthemate (prallethrin) and (ii) 2,5-dioxo-3-prop-2-ynylimidazolidin-1-ylmethyl (1R)-cis,trans-chrysanthemate (imiprothrin) as an active ingredient. The weight ratio of the mixed components A to B is preferably (500.1)-(1.500).

